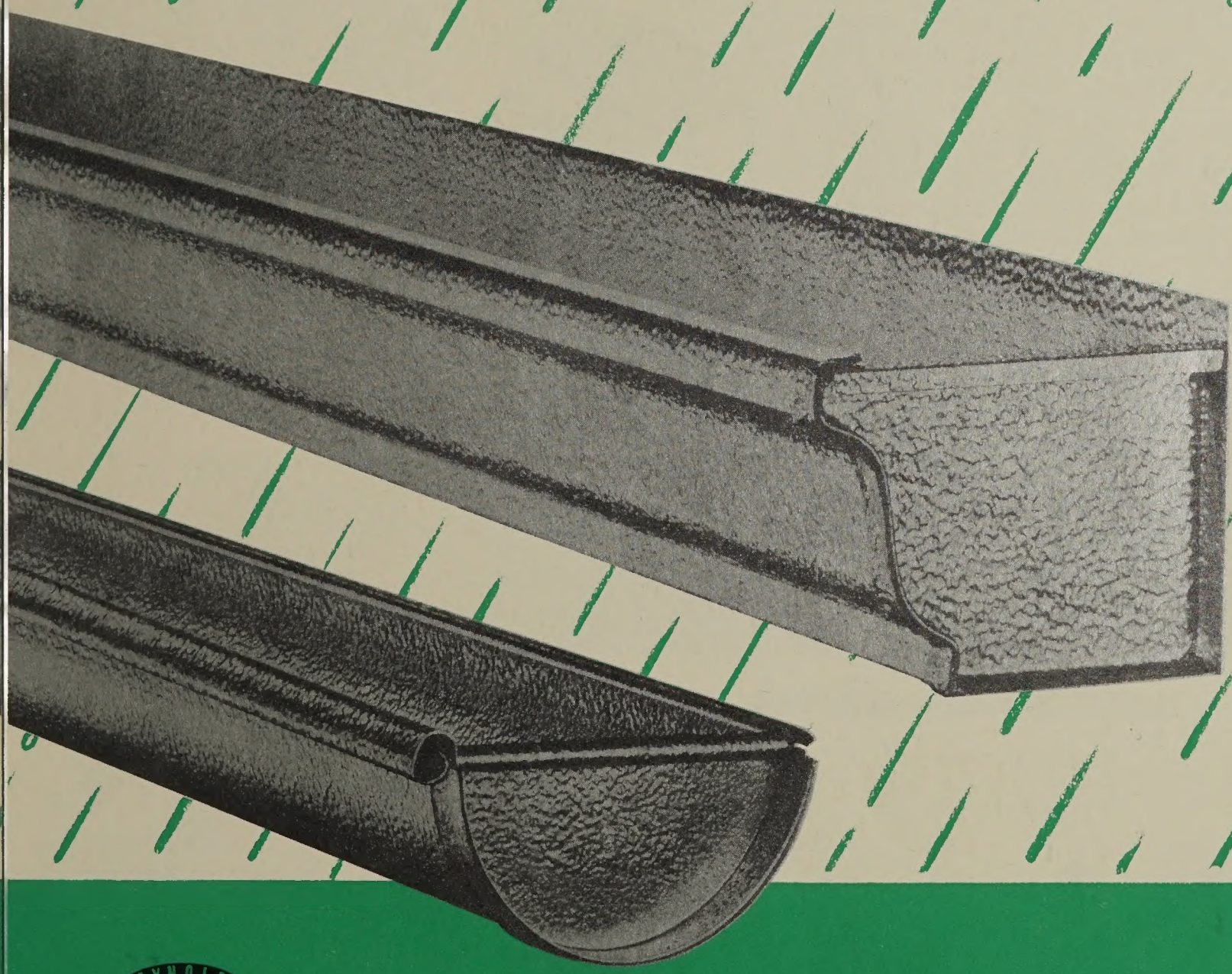
REYNOLDS *Lifetime* ALUMINUM
TRADE MARK

GUTTERS
and
DOWNSPOUTS



First Choice... for Performance and Economy

NEED NO PAINT FOR WEATHER PROTECTION • RUSTPROOF
BEAUTIFUL • NON-TOXIC • NO MAINTENANCE WORRIES
LOW INITIAL COST • EASY TO INSTALL • NO WALL STAINS

A. I. A. FILE No. 12-i

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the first low-priced permanent gutter

Here are gutters and downspouts that are *permanent*. Reynolds *Lifetime* Aluminum Gutters and Downspouts *can't rust*. They will remain attractive year after year and do not require painting for weather protection. They are beautiful in their natural smooth or *embossed* aluminum finishes, but they can be painted if desired.

Lifetime Aluminum does away with the eye-sore of stains . . . the brown of rust or the green of corrosion on walls. In weathering aluminum forms a thin film of oxide which protects the surfaces. This oxide is *non-toxic*. Water drained from aluminum is pure, an important advantage in rural communities.

The gutters are light and strong . . . ⅓ to ½ lighter than former materials traditional for gutters and downspouts. They are easier to handle, lighter on the hangers and the nails that hold them, lighter on the eaves.

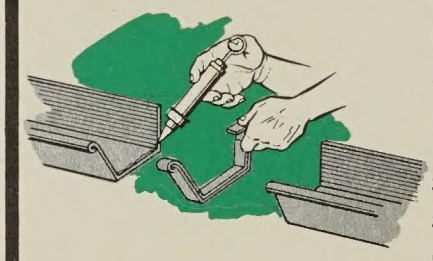
The immediate and sensational success of Reynolds *Lifetime* Aluminum Gutters is proof that home owners and builders everywhere are eager for the special advantages of aluminum.

REYNOLDS SLIP-JOINT INSTALLATION REQUIRES NO SOLDER, SAVES TIME

1. Remove old gutter and fittings. Repair or replace eaves and fascia boards if necessary. Apply aluminum flashing to roof deck along the eaves underneath the roofing. Allow flashing to extend down approximately 2″ past the edge of the deck, to form a drip edge.

2. Start at corner or end. Make up assembly of trough and fittings on ground to correspond with roof measurements.

3. Apply Reynolds Aluminum Mastic to openings in all slip connectors and end caps. The mastic is quickly and easily applied from the collapsible tube container. The pointed nozzle on the tube allows rapid application of the mastic without smearing or waste. Mastic is also available in ½ pint and 1 quart cans, and may be applied to the connectors and end caps by means of a putty knife, wooden paddle or screwdriver. After joints have been assembled, seal by applying additional fillet of mastic at each assembly point.

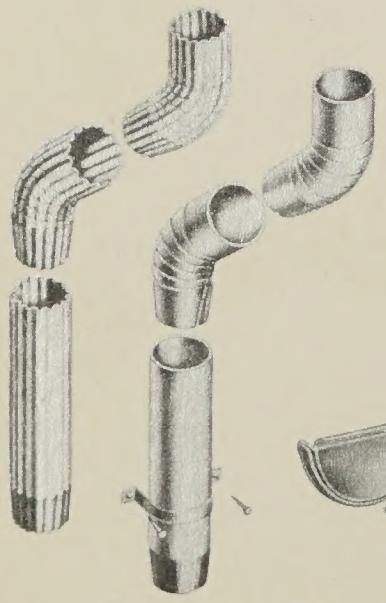


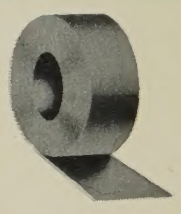
In locations subjected to severe snow or ice conditions, end caps and slip connectors may be further secured to trough sections by two No. 8 sheet metal screws at each assembly point. Install the screws at front of trough approximately ½″ from the top, and at rear approximately 2″ from the top. Be sure each screw passes through the flanges of end cap or connector and through the trough far enough from the end to assure a firm connection. Holes for the screws may be pierced or drilled.

Available in two attractive styles.....

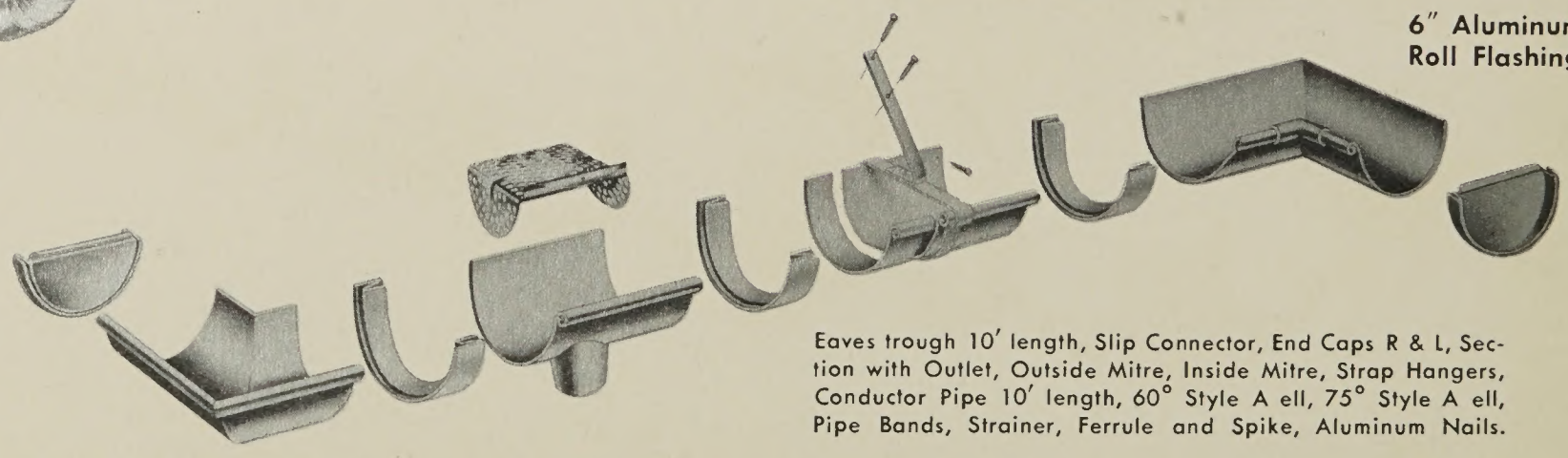
HALF-ROUND GUTTER

Plain or Corrugated
Round Conductor Pipe,
3″ Diameter





6″ Aluminum
Roll Flashing

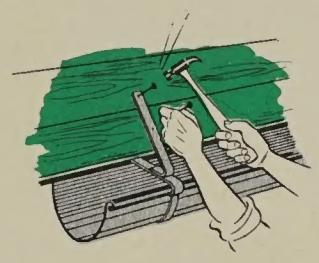


Eaves trough 10′ length, Slip Connector, End Caps R & L, Section with Outlet, Outside Mitre, Inside Mitre, Strap Hangers, Conductor Pipe 10′ length, 60° Style A ell, 75° Style A ell, Pipe Bands, Strainer, Ferrule and Spike, Aluminum Nails.

REYNOLDS *Lifetime* ALUMINUM

4. Hang first length of trough with end cap or corner mitre attached. Attach hangers firmly to trough, spacing them at 2½′ intervals. To attach the half-round hanger, pass the wrapper part of the hanger around the under side of the trough from front to rear. Pass the end of the wrap through the slot in the upper part of the wrapper and bend back on itself, maintaining sufficient tension to insure a secure attachment. Attach the Ogee hanger by driving a sheet metal screw through the back of the trough into the hanger, and fastening the hanger to the front of the trough by means of the machine screw and nut, installed with the head of the screw on the outside of the trough. Holes in the trough for the screws may be drilled or pierced. Continue assembly, joining successive sections with slip connectors, and finishing course with end cap or corner mitre. In localities not affected by snow and ice loads, spacing of hangers may be increased to 3′ intervals.

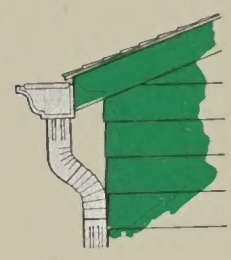
5. Use two aluminum nails for each strap hanger and nail firmly to roof sheathing. Locate straps over roof rafters where possible for secure attachment. Insert hanger straps under roofing where convenient. Nail back of gutter to fascia board between hangers.



6. Stainless steel gutter spikes and aluminum ferrules may be used as alternate means for attaching Ogee gutter. The spike is driven through the front face of the gutter at the top, through the ferrule which is placed horizontally inside the gutter, and through the back of the gutter into fascia board or rafter end. The spike should be driven to a snug fit, but not tightly enough to damage or deform the ferrule. Spacing for spikes should be the same as for strap hangers. Galvanized steel gutter spikes may be used as an alternate for stainless steel spikes. After installation, the heads of all galvanized steel spikes should be coated with aluminum-pigmented paint or mastic.

7. Locate sections with outlet at points where conductor pipes are to be placed. These are usually near ends or corners of gutter, or at center of a long run. Generally, one outlet section should be installed for every 700 square feet (maximum) of roof area if round conductor pipe is used, or one section for every 600 square feet (maximum) if rectangular pipe is used. Slope gutter toward outlet. A slope of 1″ in 16′ is sufficient.

8. If necessary, install elbows at outlet to bring conductor pipe against wall of building. A short length of conductor pipe may be used between elbows to give proper offset.



9. To hold conductor pipe in place, use two aluminum conductor pipe bands per 10′ length of pipe. Bend bands to shape of pipe and nail each band in place with 1¾″ aluminum nails. Bands must be sufficiently tight to hold pipe securely in place.

10. Use a perforated aluminum strainer at each outlet section to prevent clogging of pipe.

11. Where aluminum contacts dissimilar metals or masonry, coat contacting surfaces with aluminum-pigmented paint or mastic. *Do not make mixed installations of aluminum and copper products. Do not use steel, copper or any other than aluminum nails for strap hangers and conductor pipe bands.*

12. For information on cold solder method of installation write Reynolds Metals Company, Building Products Division, Louisville 1, Ky.

AVERY CLASSICS

O. G. BOX

PLAIN EMBOSSED

in two popular finishes

AVERY CLASSICS AT 6700 R53 1954

O. G. BOX GUTTER

6″ Aluminum Roll Flashing

#8 Sheet Metal Screw

#10 – 24 x ⅜″ Machine Screw

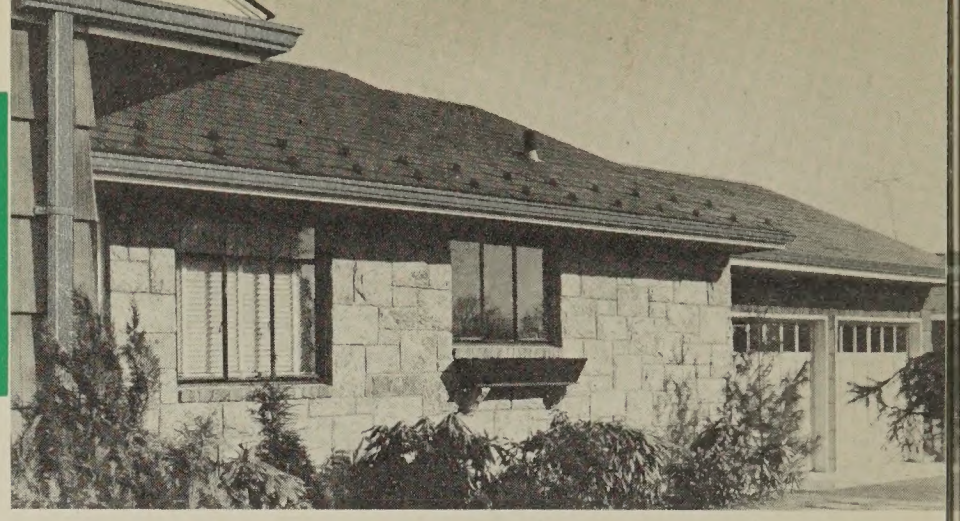
Rectangular Conductor Pipe 2⅜″ x 3¼″

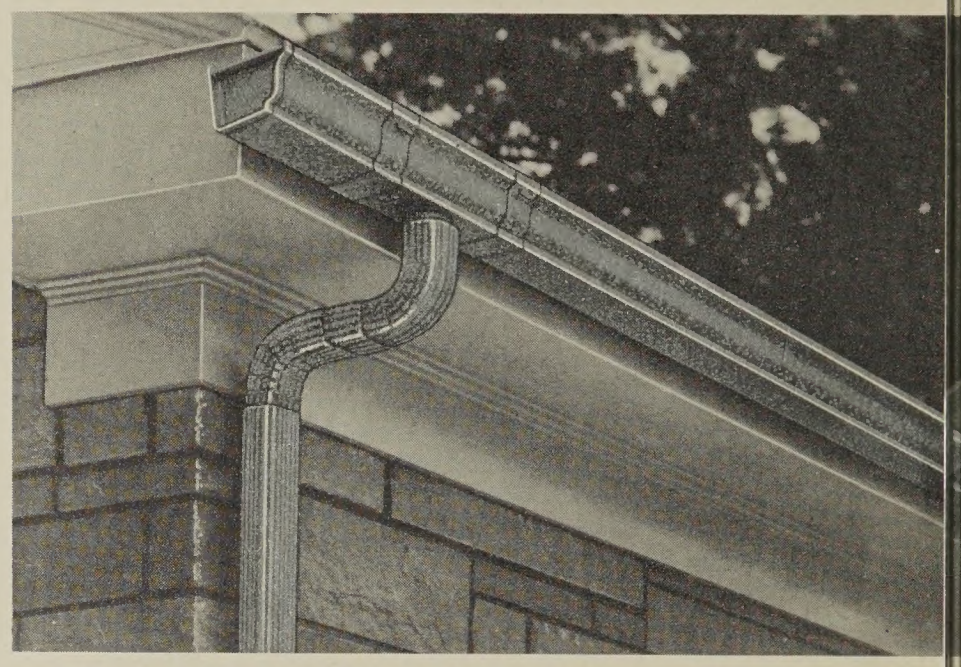
Eaves traugh 10′ length, Slip Cannectar, End Cap Sectian with Outlet, Outside Mitre, Inside Mitre, Strap Hangers, Canductar Pipe 10′ length, 60° ell, 75° ell, Pipe Bands, Strainer, Aluminum Nails.

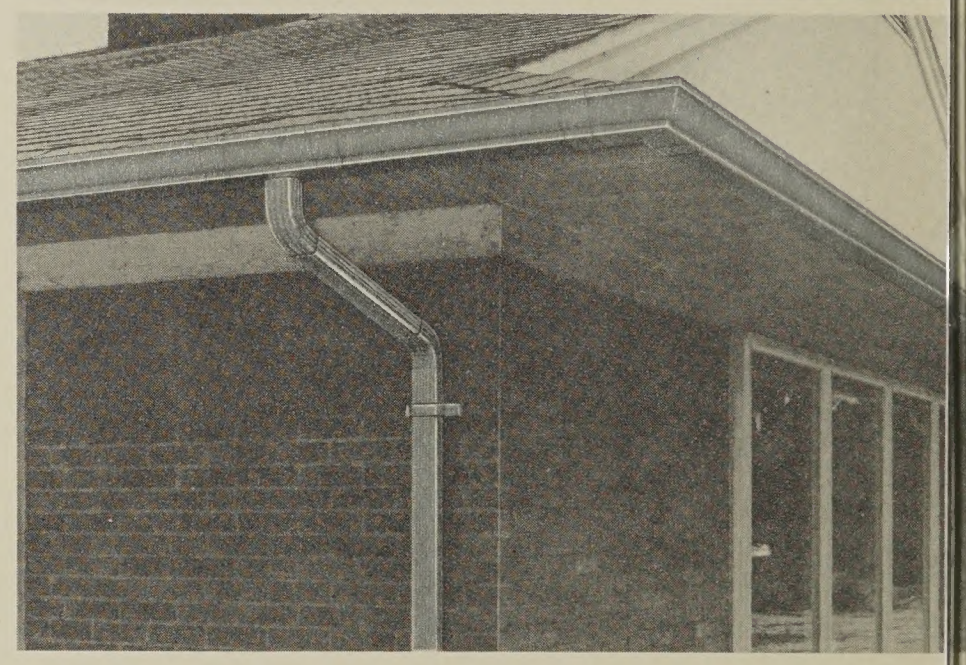
GUTTERS AND DOWNSPOUTS

REYNOLDS *Lifetime* ALUMINUM

GUTTERS and DOWNSPOUTS







How to specify

Eaves trough, conductor pipe, and accessories shall be manufactured of aluminum material of uniform quality and free from harmful defects. The aluminum material and the fabricated parts shall meet the pertinent specifications of the Reynolds Metals Company as to alloy and temper, dimensions and workmanship.

EAVES TROUGH shall be the hanging type, half-round (or O.G.) in plain (or embossed) finish aluminum in a nominal thickness of .027". Joints shall be "slip connector" type. The following accessories in aluminum shall be provided as required: end caps, slip connectors, sections with outlet, mitres, hangers, perforated strainers, nails, and sheet metal screws. Alternate material for sheet metal screws shall be stainless steel. Sheet metal screws shall be type "A", No. 8 x ⅜".

CONDUCTOR PIPE shall be plain round (or corrugated round or rectangular) in plain (or embossed) finish aluminum having a nominal thickness of .020". Conductor pipe and elbows shall have one end crimped to fit into adjoining piece. Drop portion of section with outlet shall extend into conductor pipe or elbow the distance necessary to insure a tight fit.

HANGERS—Strap hangers for eaves trough shall be aluminum of the specified thickness. An alternate material for half-round strap hangers shall be stainless steel. Spikes for attaching O.G. gutter shall be stainless steel of .177" minimum diameter and minimum length of 7". Alternate material for spikes shall be galvanized steel. Bands for attaching conductor pipe shall be of aluminum of .032" minimum thickness.

THE MOST COMPLETE LINE OF ALUMINUM BUILDING PRODUCTS

CORRUGATED ROOFING AND SIDING • NAILS
RIBBED EMBOSSED SIDING • WEATHERBOARD SIDING
WINDOWS • 5-V AND 8-V CRIMP ROOFING AND SIDING
GUTTERS AND DOWNSPOUTS • FLASHING
INDUSTRIAL CORRUGATED • REFLECTIVE INSULATION
GARAGE DOORS • COMPLETE ROOFING
AND SIDING ACCESSORIES

REYNOLDS METALS COMPANY

(Contact your nearest Building Products Sales Office listed below or write direct to Building Products Division, 2000 So. Ninth Street, Louisville 1, Kentucky.)

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BP-310-J—10/54

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